

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

## Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON  
CONTAINING FORMATION TO INCREASE A PERMEABILITY OF  
THE FORMATION

Application Number : 09/841000



Confirmation Number: 4713

First Named Applicant: Eric de Rouffignac

Attorney Docket Number: 5659-02400

Art Unit: 3672

Examiner: George A Suchfield

Search string: ( 6763886 or 6769485 or 6769483 or 6581684 or 6588504 or 6588503 or 6591906  
or 6591907 or 6607033 or 6609570 or 6688387 or 20040108111 ).pn

## US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
GS	1	6763886	2004-07-20	Schoeling et al.			
	2	6769485	2004-08-03	Vinegar et al.			
	3	6769483	2004-08-03	de Rouffignac et al.			
	4	6581684	2003-06-24	Wellington et al.			
	5	6588504	2003-07-08	Wellington et al.			
	6	6588503	2003-07-08	Karanikas et al.			
	7	6591906	2003-07-15	Wellington et al.			
	8	6591907	2003-07-15	Zhang et al.			
	9	6607033	2003-08-19	Wellington et al.			
	10	6609570	2003-08-26	Wellington et al.			
GS	11	6688387	2004-02-10	Wellington et al.			

## US Published Applications

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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
GS	1	20040108111	2004-06-10	Vinegar et al.			

## Signature

Examiner Name	Date
George Suchfield	5/31/05

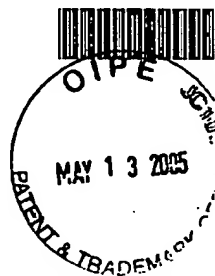
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( 3004596 or 3342258 or 3455383 or 3501201 or 3502372 or 3759574 or 4160479  
or 4375302 or 4483398 or 6698515 or 6702016 or 6708758 or 6712135 or 6712136  
or 6712137 or 6715546 or 6715547 or 6715549 or 6715548 or 6719047 or 6722431  
or 6722430 or 6722429 or 6725920 or 6725921 or 6725928 or 6729397 or 6729396  
or 6729401 or 6729395 or 6732794 or 6732796 or 6736215 or 6739394 or 6739393  
or 6742593 or 6742587 or 6742589 or 6742588 or 6745837 or 6745831 or 6749021  
or 6752210 or 6758268 or 6761216 or 20040069486 or 20040015023 or  
20030213594 or 20040040715 or 20040020642 ).pn

## US Patent Documents

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
69	1	3004596	1961-10-17	Parker et al.			
	2	3342258	1967-09-19	Prats			
	3	3455383	1969-07-15	Prats et al.			
	4	3501201	1970-03-17	Closmann et al.			
	5	3502372	1970-03-24	Prats			
	6	3759574	1973-09-18	Beard			
	7	4160479	1979-07-10	Richardson et al.			
	8	4375302	1983-03-01	Kalmar			
	9	4483398	1984-11-20	Peters et al.			
	10	6698515	2004-03-02	Karanikas et al.			
	11	6702016	2004-03-09	de Rouffignac et al.			
	12	6708758	2004-03-23	de Rouffignac et al.			
	13	6712135	2004-03-30	Wellington et al.			
69	14	6712136	2004-03-30	de Rouffignac et al.			

67	15	6712137	2004-03-30	Vinegar et al.			
	16	6715546	2004-04-06	Vinegar et al.			
	17	6715547	2004-04-06	Vinegar et al.			
	18	6715549	2004-04-06	Wellington et al.			
	19	6715548	2004-04-06	Wellington et al.			
	20	6719047	2004-04-13	Fowler et al.			
	21	6722431	2004-04-20	Karanikas et al.			
	22	6722430	2004-04-20	Vinegar et al.			
	23	6722429	2004-04-20	de Rouffignac et al.			
	24	6725920	2004-04-27	Zhang et al.			
	25	6725921	2004-04-27	de Rouffignac et al.			
	26	6725928	2004-04-27	Vinegar et al.			
	27	6729397	2004-05-04	Zhang et al.			
	28	6729396	2004-05-04	Vinegar et al.			
	29	6729401	2004-05-04	Vinegar et al.			
	30	6729395	2004-05-04	Shahin, Jr. et al.			
	31	6732794	2004-05-11	Wellington et al.			
	32	6732796	2004-05-11	Vinegar et al.			
	33	6736215	2004-05-18	Maher et al.			
	34	6739394	2004-05-25	Vinegar et al.			
	35	6739393	2004-05-25	Vinegar et al.			
	36	6742593	2004-06-01	Vinegar et al.			
	37	6742587	2004-06-01	Vinegar et al.			
	38	6742589	2004-06-01	Berchenko et al.			
	39	6742588	2004-06-01	Wellington et al.			
	40	6745837	2004-06-08	Wellington et al.			
	41	6745831	2004-06-08	de Rouffignac et al.			
	42	6749021	2004-06-15	Vinegar et al.			
	43	6752210	2004-06-22	de Rouffignac et al.			
	44	6758268	2004-07-06	Vinegar et al.			
67	45	6761216	2004-07-13	Vinegar et al.			

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No	Pub. No.	Date	Applicant	Kind	Class	Subclass
67	1	20040069486	2004-04-15	Vinegar et al.			
	2	20040015023	2004-01-22	Wellington et al.			
	3	20030213594	2003-11-20	Wellington et al.			
	4	20040040715	2004-03-04	Wellington et al.			
67	5	20040020642	2004-02-05	Vinegar et al.			

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<del>1</del>	<del>1</del>	<del>6763886</del>	<del>2004-07-20</del>	<del>Schoeling et al.</del>			
	2	6769485	2004-08-03	Vinegar et al.			
	3	6769483	2004-08-03	de Rouffignac et al.			
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<del>1</del>	<del>1</del>	<del>20040108111</del>	<del>2004-06-10</del>	<del>Vinegar et al.</del>			

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or 5055180 or 5626191 or 6353706 or 6467543 or 6499536 or 4734115 or 3170842  
or 3618663 or 4018280 or 4698149 or 3948755 or 4605489 or 4623444 or 4885080  
or 5059303 or 6110358 or 6789625 or 6782947 or 20020004533 or 20020112987  
) ,pn

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
69	1	5539853	1996-07-23	Jamaluddin et al.			
	2	3691291	1972-09-12	Taj			
	3	3032102	1962-05-01	Parker			
	4	3079085	2004-09-28	Clark, Jr. et al.			
	5	3454365	1969-07-08	Lumpkin et al.			
	6	4260018	1981-04-07	Shum et al.			
	7	4683947	1987-08-04	Fernbacher et al.			
	8	5055180	1991-10-08	Klaila			
	9	5626191	1997-05-06	Greaves et al.			
	10	6353706	2002-03-05	Bridges			
	11	6467543	2002-10-22	Talwani et al.			
	12	6499536	2002-12-31	Ellingsen			
	13	4734115	1998-03-29	Howard et al.			
	14	3170842	1965-02-23	Kehler			
	15	3618663	1971-11-09	Needham			
	16	4018280	1977-04-19	Daviduk et al.			
	17	4698149	1987-10-06	Mitchell			
	18	3948755	1976-04-06	McCollum et al.			
69	19	4605489	1986-08-12	Madgavkar			



CG	20	4623444	1986-11-18	Che et al.			
	21	4885080	1989-12-05	Brown et al.			
	22	5059303	1991-10-22	Taylor et al.			
	23	6110358	2000-08-29	Aldous et al.			
	24	6789625	2004-09-14	de Rouffinac et al.			
CG	25	6782947	2004-08-31	de Rouffinac et al.			

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
CG	1	20020004533	2002-01-10	Wallace et al.			
CG	2	20020112987	2002-08-22	Hou et al.			

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Search string: ( 3017168 or 3434541 or 4598772 or 5456315 ).pn

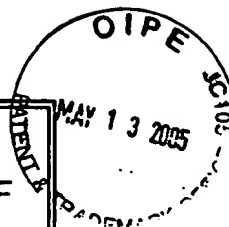
## US Patent Documents

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
GS	1	3017168	1962-01-16	Carr			
1	2	3434541	1969-03-25	Cook et al.			
1	3	4598772	1986-07-08	Holmes			
GS	4	5456315	1995-10-10	Kisman et al.			

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Search string: ( 3994340 or 3994341 or 4460044 or 4696345 or 2584605 or 2969226  
or 3982591 or 3982592 ).pn.



\*09/841000\*

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
CS	1	3994340	1976-11-30	Anderson et al.			
	2	3994341	1976-11-30	Anderson et al.			
	3	4460044	1984-07-17	Porter			
	4	4696345	1987-09-29	Hsueh			
	5	2584605	1952-02-05	Merriam et al.			
	6	2969226	1961-01-24	Huntington			
	7	3982591	1976-09-28	Hamrick et al.			
CS	8	3982592	1976-09-28	Hamrick et al.			

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